

APPENDIX A: VERSION WITH MARKINGS TO SHOW CHANGES

12. (Twice Amended) A contoured structural member, comprising:
an inner section containing a plurality of contoured [layer] layers comprising a metal-containing material;
an outer section containing a contoured layer comprising a composite material; and
at least one intermediate layer having a ribbed structure connecting the inner section and the outer section.

15. (Twice Amended) A contoured structural member, comprising:
an inner section containing a contoured layer comprising a composite material;
an outer section containing a plurality of contoured [outer] layers comprising a metal-containing material;
and at least one intermediate layer having a ribbed structure connecting the inner section and the outer section, wherein the ribbed structure of the at least one intermediate layer comprises a honeycomb structure.

16. (Twice Amended) A contoured structural member, comprising:
an inner section containing a contoured layer comprising a metal-containing material;
an outer section containing a contoured layer comprising a metal-containing material; and
at least one intermediate layer having a honeycomb structure connecting the inner section and the outer section;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers.

18. (Twice Amended) A contoured structural member, comprising:
an inner section containing a layer comprising a metal-containing material;

an outer section containing a layer comprising a metal-containing material;

at least one intermediate layer having a ribbed structure connecting the inner section and the outer section;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers;

wherein the inner section contains a layer comprising a composite material[, or the outer section contains a layer comprising a composite material[, or the inner and outer sections contain a layer comprising a composite material].

19. (Twice Amended) A closed, contoured structural member, comprising:

an inner section containing a layer comprising a metal-containing material;

an outer section containing a layer comprising a metal-containing material; and

at least one intermediate layer having a honeycomb structure connecting the inner section and the outer section;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers;

wherein the inner section contains a layer comprising a composite material[, or the outer section contains a layer comprising a composite material[, or the inner and outer sections contain a layer comprising a composite material].

20. (Twice Amended) A closed, contoured structural member, comprising:

an inner section containing a contoured layer comprising a metal-containing material;

an outer section containing a contoured layer comprising a metal-containing material; and

at least one intermediate layer having a honeycomb structure being substantially contiguous with the inner section and the outer section;

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wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers.

21. (Twice Amended) A method for making a contoured structural member, comprising:

providing an inner section containing a layer comprising a metal-containing material;

roll wrapping at least one intermediate layer over the inner section, the at least one intermediate layer having a ribbed structure; and

providing an outer section over the at least one intermediate layer, the outer section containing a layer comprising a metal-containing material; and

connecting the inner and outer sections to the at least one intermediate layer;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers.

31. (Amended) A method for making a contoured structural member, comprising:

roll wrapping at least one inner layer comprising a metal-containing material over a substrate;

roll wrapping at least one intermediate layer over the at least one inner layer, the at least one intermediate layer having a ribbed structure; and

roll wrapping at least one outer layer covering the at least one intermediate layer, the at least one outer layer comprising a metal-containing material;

connecting the at least one inner and outer layer to the at least one intermediate layer; and

removing the substrate;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers.

32. (Amended) A method for making a contoured structural member, comprising:

roll wrapping at least one inner layer comprising a metal-containing material over a substrate;

roll wrapping at least one intermediate layer over the at least one inner layer, the at least one intermediate layer having a ribbed structure; and

roll wrapping at least one outer layer covering the at least one intermediate layer, the at least one outer layer comprising a metal-containing material;

constraining the outer portion with a shrink-wrap material;

connecting the at least one inner and outer layer to the at least one intermediate layer; and

removing the shrink-wrap material and the substrate;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers.

33. (Amended) A method for making a contoured structural member, comprising:

roll wrapping at least one inner layer comprising a metal-containing material over a substrate;

roll wrapping at least one intermediate layer having a honeycomb structure to be substantially contiguous with the at least one inner layer; and

roll wrapping at least one outer layer to be substantially contiguous with the at least one intermediate layer, the at least one outer layer comprising metal-containing material;

constraining the outer portion with a shrink-wrap material;

connecting the at least one inner and outer layer to the at least one intermediate layer; and

removing the shrink-wrap material and the substrate;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers.

34. (Twice Amended) A contoured structural member made by the method comprising:

providing at least one inner layer using a continuous sheet comprising a metal-containing material;

roll wrapping at least one intermediate layer over the at least one inner layer, the at least one intermediate layer having a ribbed structure; and

providing at least one outer layer over the at least one intermediate layer, the at least one outer layer containing a continuous sheet comprising a metal-containing material; and

connecting the at least one inner and outer layer to the at least one intermediate layer;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers.

35. (Twice Amended) A contoured structural member made by the method comprising:

roll wrapping at least one inner layer using a continuous sheet comprising a metal-containing material over a substrate;

roll wrapping at least one intermediate layer over the at least one inner layer, the at least one intermediate layer having a ribbed structure; and

roll wrapping at least one outer layer covering the at least one intermediate layer, the at least one outer layer containing a continuous sheet comprising a metal-containing material;

constraining the outer portion with a shrink-wrap material;

connecting the at least one inner and outer layer to the at least one intermediate layer; and

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removing the shrink-wrap material and the substrate;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers.

36. (Twice Amended) A contoured structural member made by the method comprising:

roll wrapping at least one inner layer using a continuous sheet comprising a metal-containing material over a substrate;

roll wrapping at least one intermediate layer having a honeycomb structure to be substantially contiguous with the at least one inner layer; and

roll wrapping at least one outer layer to be substantially contiguous with the at least one intermediate layer, the at least one outer layer containing a continuous sheet comprising a metal-containing material;

constraining the outer portion with a shrink-wrap material;

connecting the at least one inner and outer layer to the at least one intermediate layer; and

removing the shrink-wrap material and the substrate;

wherein the inner section contains a plurality of layers, the outer section contains a plurality of layers, or the inner and outer sections contain a plurality of layers.

37. (Amended) A method for making a contoured structural member, comprising:

providing [at least one] a plurality of inner [layer] layers comprising a metal-containing material;

roll wrapping at least one intermediate layer over the [at least one] plurality of inner [layer] layers, the at least one intermediate layer having a ribbed structure; and

providing at least one outer layer over the at least one intermediate layer, the at least one outer layer comprising a composite material; and

connecting the at least one inner and outer layer to the at least one intermediate layer.

38. (Amended) A method for making a contoured structural member, comprising:

providing at least one inner layer comprising a composite material;

roll wrapping at least one intermediate layer over the at least one inner layer, the at least one intermediate layer having a ribbed structure; and

providing [at least one] a plurality of outer [layer] layers over the at least one intermediate layer, the [at least one] plurality of outer [layer] layers comprising a metal-containing material; and

connecting the at least one inner and outer layer to the at least one intermediate layer.

39. (Amended) A contoured structural member made by the method comprising:

providing [at least one] a plurality of inner [layer] layers comprising a metal-containing material;

roll wrapping at least one intermediate layer over the [at least one] plurality of inner [layer] layers, the at least one intermediate layer having a ribbed structure; and

providing at least one outer layer over the at least one intermediate layer, the at least one outer layer comprising a composite material; and

connecting the at least one inner and outer layer to the at least one intermediate layer.

40. (Amended) A contoured structural member made by the method comprising:

providing at least one inner layer comprising a composite material;

roll wrapping at least one intermediate layer over the at least one inner layer, the at least one intermediate layer having a ribbed structure; and

providing [at least one] a plurality of outer [layer] layers over the at least one intermediate layer, the [at least one] plurality of outer [layer] layers comprising a metal-containing material; and

connecting the at least one inner and outer layer to the at least one intermediate layer.